

# Press Release

28/05/2024

## Waste Management

Elesa is proud to support the waste management and processing industries, with a range of high-quality components designed to withstand arduous environmental conditions. With the global need for re-processing and recycling on the rise, Elesa's specialist standard components are immediately available to meet the critical demands of these industries.

One of the standout products Elesa offers is the [GN 949](#) stainless steel spoked handwheels. These handwheels are designed for the manual adjustment of valves, gates, rollers, and screw-adjusted equipment, providing ergonomic operation and exceptional durability. The corrosion-resistant construction of these handwheels ensures longevity, making them ideal for use in challenging waste management environments. Their design enhances user comfort and efficiency, while their reliable performance ensures that critical adjustments can be made with precision and ease.

Another essential component that Elesa provides to the waste management industry is the [RE.E2](#) range of castors and wheels. These castors and wheels are widely used on stillages for loading or transferring materials, as well as for enabling the mobility of structures such as swinging conveyor gantries. They can also be fitted onto machinery carts and barrows, providing a versatile solution for enhancing mobility in environments where material handling needs are constantly evolving. The [RE.E2](#) range is designed to withstand the wear and tear associated with heavy-duty industrial applications, ensuring long-lasting performance and reducing the need for frequent replacements.

In addition to enhancing mobility, Elesa also offers solutions for mitigating the vibrations commonly encountered in waste management facilities. The [DVA](#) vibration dampers and buffers are expertly designed to reduce vibrations in pumps, valves, gearboxes, sieves, joggers, and shakers. They can be used for mounting equipment to frames or as feet on stand-alone items. Additionally, these vibration dampers serve an important role in motion control, acting as bump stops to cushion stroke limits and prevent mechanical shock and damage. By minimising vibration and mechanical stress, the DVA range helps prolong the life of critical equipment, reducing maintenance costs and minimising downtime.

The benefits of Elesa's components extend beyond their immediate functional applications. By improving equipment reliability and longevity, they contribute significantly to the sustainability goals of the waste management and processing industries. The general design of these components ensures that machinery can operate longer and more



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effectively, with reduced maintenance needs and lower risk. In industries where equipment failure can lead to significant disruptions and an increase in waste output, having reliable components is crucial.

Moreover, Elesa's dedication to continuous innovation in its product offerings reflects a deep understanding of the operational challenges faced by clients in waste management and recycling. The company's research and development teams work tirelessly to identify and address emerging needs, ensuring that Elesa remains at the forefront of technological advancements in the field. For instance, the GN 949 handwheels and RE.E2 castors are constantly updated to incorporate the latest materials and design improvements, providing customers with the best possible solutions for their specific requirements.

Elesa's philosophy of supporting specialist manufacturers extends to all aspects of waste management, from equipment production to onsite operations. The company's extensive catalogue includes a wide range of other components such as clamping levers, knobs, handwheels, levelling feet, and latch clamps. Each of these components is designed not only for functionality but also for durability, ensuring they meet the high-demand context of waste management operations. This comprehensive approach means that clients can source all their component needs from one reliable supplier, simplifying procurement processes and reducing lead times.

One of the key aspects of Elesa's support for the waste management industry is its commitment to sustainability. The company understands that sustainability is not just a trend but a necessity in today's world. Therefore, Elesa ensures that its components are made from high-grade engineering plastics and stainless steels that meet stringent international standards for quality and performance. By using materials that are both durable and easy to clean, Elesa's components help manufacturers maintain high cleanliness standards, which are vital to avoid contamination and ensure compliance with health and safety regulations.

Elesa's influence extends beyond simple component supply; the company actively engages in developing solutions that anticipate industry trends and requirements. This proactive stance is particularly important in waste management, where technological advancements and regulatory changes are rapidly reshaping the landscape. By offering components that are both innovative and of high quality, Elesa helps waste management and recycling companies not only meet current standards but also adapt to future demands.



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As Elesa continues to expand its influence in the waste management and processing industries, it remains dedicated to innovation, quality, and customer service. The company is committed to developing solutions that help manufacturers and operators overcome challenges and capitalise on opportunities in an ever-evolving market. Elesa's standard components are not just products—they are reliable partners that help businesses improve their processes, enhance operational efficiency, and achieve their sustainability goals.

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